

Dr. Duke's Phytochemical and Ethnobotanical Database**Biological Activities Found in *Phaseolus vulgaris***

Activity	Chemical Count
11B-HSD-Inhibitor	1
5-Alpha-Reductase-Inhibitor	5
5-HT-Inhibitor	1
5-Lipoxygenase-Inhibitor	1
Abortifacient	1
Acaricide	1
Acarifuge	1
ACE-Inhibitor	2
Acidulant	1
Additive	1
Adjuvant	1
Aldehyde-Oxidase-Inhibitor	1
Aldose-Reductase-Inhibitor	8
Allelochemic	1
Allelopathic	2
Allergenic	8
Alpha-Reductase-Inhibitor	2
Amphiglycemic?	1

Activity	Chemical Count
Analeptic	1
Analgesic	9
Androgenic	2
Androgenic?	1
Anemiagenic	2
Anesthetic	3
Angiogenic	1
Angiotensin-Receptor-Blocker	3
Anorexic	3
Antiacid	1
Antiacne	8
Antiacrocyanotic	1
Antiacrodermatitic	1
Antiacrodynic	1
AntiADD	2
Antiadenomic	1
Antiadenoviral	1
Antiadrenalinic	1
Antiaflatoxin	1
AntiAGE	2

Activity	Chemical Count
Antiaggregant	11
Antiaging	6
Antiakathisic	1
Antialcoholic	5
Antialdosteronic	1
Antialkali?	1
Antialkalotic	1
Antiallergic	8
Antiallopecic	7
Antialzheimeran	6
Antiamblyopic	1
Antianaphylactic	1
Antiandrogenic	4
Antianemic	4
Antiangular	3
Antiangiogenic	5
Antianorectic	2
Antianorexic	1
Antianxiety	3
Antiapoplectic	1

Activity	Chemical Count
Antiapoptotic	1
Antiarabiflavinotic	1
Antiarrhythmic	7
Antiarteriosclerotic	3
Antiarthritic	15
Antiasthmatic	5
Antiasthmatic?	1
Antiatherogenic	3
Antiatherosclerotic	9
Antibackache	1
Antibacterial	14
Antiberiberi	1
AntiBPH	1
Anticancer	10
Anticancer (Breast)	2
Anticancer (Cervix)	2
Anticancer (Colon)	1
Anticancer (Esophagus)?	1
Anticancer (Forestomach)	1
Anticancer (Liver)	2

Activity	Chemical Count
Anticancer (Lung)	2
Anticancer (Skin)	1
Anticanker	3
Anticapillary-Fragility	3
Anticarcinogenic	4
Anticarcinomic	2
Anticarcinomic (Breast)	1
Anticardiospasmic	1
Anticarpal-Tunnel	1
Anticataract	10
Anticellulitic	1
Anticephalagic	5
Anticerebrotic	1
Anticervicaldysplastic	4
AntiCFS	3
Anticheilitic	3
Antichilblain	1
Antichoreic	2
Anticirrhotic	3
Anticirrhotic?	1

Activity	Chemical Count
Anticlastogen	2
Anticlaudificant?	1
Anticlimacteric	5
Anticoeliac	1
Anticold	2
Anticolitic	2
Anticollagenase	1
Anticomplementary	2
Anticonvulsant	5
Anticorneotic	1
Anticoronal	6
AntiCrohn's	2
AntiCTS	1
AntiCVI	1
AntiCVS	1
Anticystinuric	1
Anticytotoxic	1
Antidandruff	3
Antidecubitic	3
Antideliriant	1

Activity	Chemical Count
Antidementia	8
Antidepressant	10
Antidepressant?	1
Antidermotic	1
Antidermatitic	6
Antidiabetic	13
Antidiabetic?	3
Antidiarrheic	1
Antidipsomanic	1
Antidiscotic	1
Antidote (Acetaminophen)	1
Antidote (Aluminum)	2
Antidote (Cadmium)	2
Antidote (Heavy Metals)	1
Antidote (Hypoglycin-A)	1
Antidote (Lead)	3
Antidote (Mercury)	1
Antidote (Paracetamol)	1
Antidote (Paraquat)	1
Antidysenteric	1

Activity	Chemical Count
Antidysgeuzic	1
Antidyskinetic	3
Antidysmenorrheic	2
Antidyspeptic	1
Antidysphagic	1
Antieczemic	6
Antiedemic	4
Antiela ^s tase	2
Antiencephalitic	1
Antiencephalopathic	7
Antiencephalopathic?	1
Antiendocytotic	1
Antiendometriotic	2
Antienterotic	1
Antiepileptic	5
Antierythemic	2
Antiescherichic	2
Antiestrogenic	6
Antifatigue	7
Antifeedant	6

Activity	Chemical Count
Antifertility	3
Antifibrinolytic	2
Antifibromyalgic	1
Antifibrotic	3
Antiflu	1
Antifuruncular	1
Antigallstone	1
Antigastritic	3
Antigastrotic	1
Antigingivitic	2
Antiglaucomic	3
Antiglossitic	2
Antiglycosuric	1
Antigonadotrophic	1
Antigonadotropic	1
Antigout	1
Antigranular	1
Antigrey	1
Antihangover	4
Antiheartburn	1

Activity	Chemical Count
Antihematuric	1
Antihemolytic	3
Antihemorrhagic	2
Antihemorrhoidal	2
Antihepatitic	3
Antihepatoadenomic	1
Antihepatomic	1
Antihepatotic	1
Antihepatotoxic	6
Antiherpetic	8
Antiherpetic?	1
Antihistaminic	9
AntiHIV	6
Antihomocysteine	1
Antihomocystinuric	1
Antihyperactivity	1
Antihyperammonemic	1
Antihypercholesterolemic	2
Antihyperglycemic	2
Antihyperinsulinemic	1

Activity	Chemical Count
Antihyperkeratotic	1
Antihyperkinetic	2
Antihyperleptinemic	1
Antihyperlipoproteinaemic	1
Antihyperpigmentative	1
Antihypertensive	10
Antihyperthyroid	2
Antihypoglycemic	1
Antiichythytic	1
Antielus?	1
Antiimplantation	1
Antiimpotence	3
Antiinfarctal	1
Antiinfective	1
Antiinfertility	5
Antiinflammatory	21
Antiinsomniac	4
Antiinsomniac?	1
Antiinsomnic	2
Antiinsulinogenic	1

Activity	Chemical Count
Antiischemic	2
Antikeratitic	1
Antikeshan	1
AntiLegionella	1
Antilepric	2
Antilethargic	1
Antileukemic	10
Antileukonychic	1
Antileukoplakic	1
Antileukotriene	3
Antileukotriene-D4	4
Antilipedemic	1
Antilipoperoxidant	1
Antilithic	3
Antilupus	1
AntiLyme	5
Antilymphomic	4
Antimaculitic	5
Antimalarial	1
Antimanic	4

Activity	Chemical Count
Antimastalgic	1
Antimastitic	1
Antimeasles	1
Antimelanogenic	1
Antimelanomic	7
Antimelasmic	1
AntiMeniere's	1
Antimenopausal	6
Antimenorrhagic	3
Antimetastatic	5
Antimicrobial	3
Antimigraine	6
Antimitogenic	1
Antimitotic	1
Antimitral-valve-prolapse	1
Antimorphinic	1
AntiMS	3
Antimutagenic	15
Antimyalgic	1
Antimyelotoxic	1

Activity	Chemical Count
Antimyocarditic	1
Antimyopic	1
Antineoplastic	1
Antinephritic	2
Antinephrolytic	1
Antineuragic	3
Antineuramidase	1
Antineurasthenic	1
Antineuritic	1
Antineuroblastomic	1
Antineuropathic	4
Antineuropathic?	1
Antineurotic	1
AntiNF-kB	1
Antinitrosaminic	4
Antinitrosic	1
Antinociceptive	5
Antinyctalopic	2
Antiobesity	6
Antiodontalgie	1

Activity	Chemical Count
Antonychytic	1
Antiophidic	3
Antorchitic	1
Antiosteoarthritic	4
Antiosteoporotic	12
Antiotitic	1
Antiototic	1
Antioxidant	27
Antioxidant?	2
Antiozenic	1
Antipanniculopathic	1
Antipapillomic	1
Antiparkinsonian	8
Antiparotitic	1
Antipellagric	3
Antipeptic	1
Antiperiodontitic	4
Antiperistaltic	1
Antiperoxidant	3
Antiphenylketonuric	2

Activity	Chemical Count
Antiphotophobic	2
Antipityriasic	1
Antiplaque	3
Antiplatelet	1
AntiPMS	5
Antipneumonic	1
Antipodriac	1
Antipolio	1
Antipoliomyelic	2
Antipolyneuritic	1
Antiporphyric	1
Antiprogestational	1
Antiprolactin	1
Antiproliferant	7
Antiproliferative	3
Antiprostaglandin	3
Antiprostatadenomic	3
Antiprostatic	7
Antiprostatotic	1
Antiprotozoal	1

Activity	Chemical Count
Antipruritic	2
Antipsoriac	1
Antipsychotic	3
Antipurpuric	1
Antipyretic	6
Antiradicular	8
AntiRaynaud's	4
Antiretardation	1
Antiretinopathic	1
Antiretinotic	2
Antirheumatic	7
Antirheumatitic?	1
Antirhinitic	1
Antirhinoviral	1
Antisalmonella	1
Antischizophrenic	1
Antiscoliotic	1
Antiscorbutic	1
Antiscotomic	1
Antiseborrheic	3

Activity	Chemical Count
Antiseptic	12
Antiserotonin	1
Antishingles	1
Antisickling	3
Antsilicotic	1
Antispase-Tire	1
Antispasmodic	13
Antispasmophilic	1
AntiSpina-Bifida	1
Antistaphylococcic	2
Antisteatotic	1
Antistomatisic	2
Antistress	6
Antistroke	3
Antisunburn	2
Antisyndrome-X	7
Antithiamin	1
Antithrombic	1
Antithrombogenic	1
Antithyroid	3

Activity	Chemical Count
Antitic	1
Antitinnitic	2
Antitriglyceride	2
Antitrypanosomic	1
Antitumor	15
Antitumor (Bladder)	1
Antitumor (brain)	2
Antitumor (Breast)	5
Antitumor (Cervix)	2
Antitumor (CNS)	1
Antitumor (Colon)	3
Antitumor (Esophagus)?	1
Antitumor (Forestomach)	1
Antitumor (Gastric)	1
Antitumor (GI)	1
Antitumor (Kidney)	1
Antitumor (Liver)	2
Antitumor (Lung)	7
Antitumor (Ovary)	3
Antitumor (Pancreas)	1

Activity	Chemical Count
Antitumor (Prostate)	4
Antitumor (Skin)	4
Antitumor (Stomach)	4
Antitumor (Thyroid)	1
Antitumor-Promoter	5
Antitussive	1
Antiulcer	9
Antiulcer?	1
Antiulcerogenic	2
Antiuremic	1
Antiuricosuric	1
Antivaccinia	1
Antivaginitic	2
Antivaricose	2
Antivertigo	1
Antiviral	14
Antiviral?	1
Antivitiligo	1
Antixerophthalmic	1
Antiyeast	1

Activity	Chemical Count
Anxiolytic	9
AP-1-Inhibitor	1
Aphidifuge	1
Aphrodisiac	2
Apoptotic	7
Aromatase-Inhibitor	4
Artemicide	2
Arteriodilator	1
Asthma-preventive	1
Astringent	2
ATPase-Inhibitor	1
Bacteristat	1
Beta-Adrenergic Receptor Blocker	1
Beta-Blocker	2
Beta-Glucuronidase-Inhibitor	3
Bruchiphobe	1
Calcium-Antagonist	5
Calcium-Antagonist?	1
Calcium-Channel-Blocker	1
cAMP-Phosphodiesterase-Inhibitor	1

Activity	Chemical Count
Cancer-Preventive	33
Cancer-Preventive?	1
Candidicide	4
Capillariprotective	1
Carcinogenic	4
Cardiac	1
Cardiodepressant	2
Cardiomyopathogenic	1
Cardioprotective	11
Cardioprotective?	1
Cardiotonic	1
Cardiotoxic	1
Cardiovascular	1
Caspase-8-Inducer	1
Catabolic	1
Catechol-O-Methyltransferase-Inhibitor	1
Cerebrotonic	1
Chelator	1
Chemopreventive	6
Cholagogue	2

Activity	Chemical Count
Choleretic	10
Cholesterolytic	1
Cholinergic	2
Circulotonic	2
Clastogenic	1
CNS-Active	1
CNS-Depressant	2
CNS-Inhibitor	1
CNS-Paralytic	1
Co-carcinogenic	1
Cold-preventive	1
Collagen-Sparing	1
Collagenic	2
Colorant	2
Comedogenic	1
Comedolytic	1
Contraceptive	1
Copper-Antagonist	1
Coronary-Dilator	1
Cosmetic	3

Activity	Chemical Count
COX-1-Inhibitor	3
COX-2-Inhibitor	4
Cyclooxygenase-Inhibitor	1
Cytochrome-P450-1A1-Inhibitor	1
Cytoprotective	2
Cytotoxic	7
Deiodinase-Inhibitor	2
Deliriant	1
Deodorant	1
Depressant	1
Dermatitogenic	3
Detoxicant	1
Detoxicant (Alcohol)	1
Diaphoretic?	1
Differentiator	2
Diuretic	12
DNA-Active	1
DNA-Protective	2
DOPA-Decarboxylase-Inhibitor	1
Dye	1

Activity	Chemical Count
Emetic	1
Encephalopathic	1
Energizer	1
Epidermal-Stimulant	1
Ergogenic	1
Erythrocytogenic	1
Essential	8
Estrogen-Agonist	2
Estrogenic	10
Estrogenic?	1
Expectorant	1
Fatal	1
Febrifuge	1
Fibrinolytic	1
Fistula-Preventive	1
Flatulent	1
Flavor	9
Fungicide	25
Fungistat	1
Gastroprotective	1

Activity	Chemical Count
Glutathionigenic	1
Goitrogenic	1
Gonadotrophic	1
Hematopoietic	1
Hemolytic	1
Hemostat	2
Hemostatic	1
Hepatocarcinogenic	1
Hepatomagenic	1
Hepatoprotective	10
Hepatotoxic	1
Hepatotropic	2
Herbicide	1
Herbistat	1
HIF-1alpha-Inhibitor	1
Histamine-Inhibitor	1
Histidine-Kinase-Inhibitor	1
Hyaluronidase-Inhibitor	2
Hydrocholerectic	1
Hypercholesterolemic	1

Activity	Chemical Count
Hyperglycemic	1
Hypertensive	4
Hypnotic	1
Hypoammonemic	1
Hypoarginanemic	1
Hypocalcemic	1
Hypocholesterolemic	23
Hypoglycemic	9
Hypolipidemic	4
Hypotensive	16
Hypotriglyceridemic	1
Hypouricemic	1
ICAM-1-Inhibitor	2
IKK-Inhibitor	2
Ileorelaxant	1
Immunomodulator	10
Immunostimulant	10
Immunosuppressant	1
iNOS-Inhibitor	2
Inotropic	1

Activity	Chemical Count
Insecticide	4
Insectifuge	8
Insectiphile	1
Insulin-Sparing	1
Insulinase-Inhibitor	1
Insulinogenic	3
Insulinotonic	1
Interferon-Synergist	1
Interferonogenic	1
Interleukin-6-Inhibitor	1
Iodothyronine-Deiodinase-Inhibitor	1
Irritant	4
Juvabional	1
Keratolytic	1
Larvicide	1
Larvistat	1
Laxative	5
Lectin	1
Leptingenic	1
Leukotriene-Inhibitor	1

Activity	Chemical Count
Lipase-Inhibitor	2
Lipotropic	3
Lipoxygenase-Inhibitor	6
Lithogenic	2
Litholytic	1
Lubricant	2
Lyase-Inhibitor	1
Lymphocytogenic	1
MAO-Inhibitor	2
MAPK-Inhibitor	2
MDR-Inhibitor	1
Memorigenic	2
Metal-Chelator	2
Metalloproteinase-Inhibitor	1
Metastatic	1
Microvasculokinetic	1
MMP-9-Inhibitor	1
Monoamine-Precursor	3
Motor-Depressant	1
Mucogenic	2

Activity	Chemical Count
Mucolytic	1
Musculotropic	2
Mutagenic	3
Myoprotective	1
Myorelaxant	5
NADH-Oxidase-Inhibitor	1
NADH-Ubiquinone-Oxidoreductase-Inhibitor	1
Narcotic	1
Natriuretic	2
Nematicide	4
Nematistat	1
NEP-Inhibitor	1
Nephrotoxic	4
Neuroexcitant	1
Neuroinhibitor	2
Neuroprotective	1
Neurotoxic	2
Neurotransmitter	2
NF- κ B-Inhibitor	4
NO-Genic	1

Activity	Chemical Count
NO-Inhibitor	1
NO-Scavenger	1
NO-Synthase-Inhibitor	1
Nodulation-Signal	1
Ornithine-Decarboxylase-Inhibitor	5
Osmoregulator	1
Osteogenic	1
Oviposition-Stimulant	1
Ovulant	1
Oxidant	2
P21-Inducer	1
PAF-Inhibitor	1
Pancreotoxic	1
Parasiticide	1
Parasympathomimetic	1
Percutaneostimulant	2
Perfumery	4
Peroxidase-Inhibitor	2
Pesticide	45
Phagocytotic	2

Activity	Chemical Count
Phytoalexin	13
Pituitary-sensitizer	1
Pituitary-Stimulant	1
PKC-Inhibitor	1
Polyamine-Synthesis-Inhibitor	2
Preservative	1
Progestational	1
Prolactinogenic	1
Proliferant	1
Prooxidant	3
Propecic	6
Prostaglandigenic	3
Prostaglandin-Sparer	1
Prostaglandin-Synthesis-Inhibitor	4
Prostaglandin-Synthetase-Inhibitor	1
Protein-Kinase-C-Inhibitor	3
Protisticide	1
PTK-Inhibitor	3
Quinone-Reductase-Inducer	3
Radioprotective	2

Activity	Chemical Count
Renotoxic	1
Roborant	1
Scabicide	1
Schizophrenogenic	1
Sedative	8
Serotonergic	2
Soap	1
Spermicide	1
Spermigenic	2
Succinoxidase-Inhibitor	1
Sunscreen	6
Suppository	1
Sweetener	1
Termiticide	1
Testosteronogenic	1
Thymoprotective	1
TNF-alpha-Inhibitor	2
Topoisomerase-I-Inhibitor	5
Topoisomerase-II-Inhibitor	4
Topoisomerase-II-Poison	1

Activity	Chemical Count
Toxic	3
Tranquilizer	3
Transdermal	1
Tremorigenic	1
Trichomonicide	1
Trypanosomastat	1
Tumor-Promoter	1
Tumorigenic	1
Tyrosinase-Inhibitor	3
Tyrosine-Kinase-Inhibitor	1
Ubiquiot	3
Ulcerogenic	1
Uricosuric	5
Urinary-Acidulant	1
Urine-Acidifier	1
Urine-Deodorant	1
Uterorelaxant	1
Uterosedative	1
Uterotrophic	4
UV-Screen	1

Activity	Chemical Count
Varroacide	1
Vasoactive	1
Vasodilator	12
Vasopressor	1
Vasoprotective	2
VEGF-Inhibitor	5
Vulnerary	4
Xanthine-Oxidase-Inhibitor	5